

CURRICULUM VITAE

(December, 2005)

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Education

- [---] D.D.S. (equivalent), Shanghai Second Medical University School of Dentistry, Shanghai, China.
- [---] M.S.D., Indiana University School of Dentistry, Indianapolis, IN.
- [---] Ph.D., Indiana University Graduate School, Indianapolis, IN.
- [---] Postdoctoral Program, Oral Health Research Institute, Indiana University, Indianapolis, IN.

Academic Appointments

- 1977 - 1982 Assistant Teacher and Assistant Researcher, Shanghai Second Medical University School of Dentistry, Shanghai, China.
- 1987 - 1989 Research Associate, Oral Health Research Institute, Indiana University School of Dentistry, Indianapolis, IN.
- 1989 - 1993 Director and Assistant Scientist/Assistant Professor, Cell Culture Research Laboratory, Indiana University School of Dentistry.
- 1990 - 1997 Director, Biocompatibility Core Facility, Indiana University Biomechanics and Biomaterials Research Center.
- 1990 - 1997 Graduate Faculty, Indiana University School of Dentistry.
- 1991 - 1997 Graduate Faculty, Indiana University Graduate School.
- 1993 - 1997 Associate Professor and Director, Cell Culture Research Laboratory, Indiana University School of Dentistry.
- 1993 - 1997 Associate Professor of Toxicology, Department of Pharmacology and Toxicology, Indiana University School of Medicine.
- 1993 - 1997 Director, Electron Microscope/Confocal Microscope Facility, Indiana University School of Dentistry.
- 2002 - 2005 Director, Clinical Research Program, Loma Linda University School of Dentistry.
- 1997 - Present Professor, Department of Restorative Dentistry, Loma Linda University School of Dentistry.
- 1997 - Present Director, Biocompatibility and Toxicology Research Laboratory, Center for Dental Research, Loma Linda University School of Dentistry.
- 1997 - Present Graduate Faculty, Loma Linda University Graduate School.
- 1997 - Present Professor, Department of Microbiology and Molecular Genetics, Loma Linda University School of Medicine.
- 2004 - Present Director, Center for Dental Research, Loma Linda University School of Dentistry.
- 2004 - Present Chairman, Board of Directors, Center for Dental Research, Loma Linda University School of Dentistry.

Committees and Offices

- Member, Research Committee, Indiana University School of Dentistry, 1989-1997.
- Member, Indiana University-Purdue University Committee on Ethics in Research, 1990-1991.
- Member, Indiana University-Purdue University Faculty/Staff Relations Committee, 1991-1993.
- Member, Research Programs Subcommittee, Committee for Accreditation, Indiana University School of Dentistry, 1991-1992.
- Member, Indiana University-Purdue University Search and Screening Committee for Director, Medical and Biological Engineering Graduate Program, 1994-1995.
- Vice President, Indiana Section of American Association for Dental Research, 1994-1995.
- President, Indiana Section of American Association for Dental Research, 1995-1996.
- Chairman, Indiana University School of Dentistry Research Day Organizing Committee, 1995-1996.
- Chairman, Indiana University School of Dentistry Research Day Awards Committee, 1996-1997.
- Member, ISO/TC106 Dentistry Sub-TAG 1 for Restorative Materials, Subcommittee for ISO 7405 - Preclinical Evaluation of Biocompatibility of Medical Devices Used in Dentistry, 1994 - 1997.
 - Member, SCDP JWG1 Biological Evaluation, since 1994.
- Member, ISO/TC106 Dentistry, SC1 Filling and Restorative Materials, since 1995.
- Member, ISO/TC106 Dentistry, SC7 Oral Hygiene Products, since 1996.
- Member, ISO/TC106 Dentistry, SC8 Dental Implants, since 1996.
- Member, Research Committee, Loma Linda University School of Dentistry, since 1997.
- Chairman, SCDP JWG1 Biological Evaluation, since 1999.
- U.S. Expert on Biological Evaluation to ISO/TC106, since 1999.
- Member, Faculty Development Committee, Loma Linda University School of Dentistry, since 2000.
- Member, Faculty Promotion Committee, Loma Linda University School of Dentistry, since 2000.
- Member, Research Advisory Committee, Loma Linda University, since 2000.
- U.S. Expert on Preclinical Biological Evaluation and Testing for Dental Implants, 2002
- Member, American Dental Association Standards Committee on Dental Products (SCDP), since 2002.
- Member, Institutional Review Board (IRB), Loma Linda University, since 2003.
- Member, Research Committee, Loma Linda University, since 2004.
- Chairman, *ad hoc* Committee on American Dental Association Specification on Tooth Bleaching Materials, since 2005.
- U.S. Expert to ISO/TC106 *ad hoc* Committee 2 on Dental Bleaching Agents, since 2005.

Professional Societies

- International Association for Dental Research (IADR)
- American Association for Dental Research (AADR)
- Pharmacology, Therapeutics & Toxicology Group, AADR

Professional Services

- *ad hoc* review of Small Grant applications for NIH/NIDCR

- *ad hoc* review of grant applications for NIH/NIDCR
- *ad hoc* review of manuscripts for J. American College of Toxicology
- *ad hoc* review of manuscripts for Am. J. Orthodon. & Dentofacial Orthopedics
- *ad hoc* review of manuscripts for Archives of Oral Biology.
- *ad hoc* review of manuscripts for Food and Chemical Toxicology
- *ad hoc* review of manuscripts for Journal of California Dental Association
- *ad hoc* review of manuscripts for Journal of Dental Research
- *ad hoc* review of manuscript for American Journal of Dentistry
- *ad hoc* review of manuscript for Caries Research
- *ad hoc* review of manuscript for Operative Dentistry
- *ad hoc* review of manuscript for Cochrane Oral Health Review Group
- Editorial Board member, Chinese Journal of Dental Materials and Instruments
- International Editorial Board member, Shanghai Journal of Stomatology
- Grant Reviewer for National Natural Science Foundation of China (NSFC)
- Consultant, California Dental Association Council on Dental Research & Development
- Consultant, American Dental Association Council on Scientific Affairs
- Consultant, U.S. Food and Drug Administration (FDA)

Honors

- [---] Starr Fellowship, Indiana University.
- 1988 Maynard K. Hine Award for Excellence in Research, Indiana Section, American Association for Dental Research.
- 1993 Faculty Membership, Theta Theta Chapter of Omicron Kappa Upsilon.
- 1993 Third-Place National Award for Significant Scientific Contributions, Chinese National Council for Education.
- 1995 Visiting Professor (Honorary), Institute of Environmental Health and Engineering, Chinese Academy of Preventive Medicine, Beijing, China.
- 1996 Distinguished Faculty Award for Research, Indiana University School of Dentistry Alumni Association.
- 2001 Honorary Director, Shanghai Biomaterials and Dental Materials Research and Testing Center, Shanghai Second Medical University, China.
- 2002 Visiting Professor (Honorary), Wenzhou Medical College, Wenzhou, Zhejiang Province, China.
- 2002 Visiting Professor (Honorary), Shanghai Second Medical University, Shanghai, China.
- 2003 Faculty Membership, Chi Chi Chapter of Omicron Kappa Upsilon.
- 2004 Senior Advisor (Honorary), First Affiliated Hospital, Wenzhou Medical College, Wenzhou, Zhejiang Province, China.

Research Grant Awards

1. National Institute of Dental Research. *Genotoxic Assays for Evaluation of Dental Materials* (1 R03 DE08608), 8/1/88 - 7/31/89.
2. National Institute of Dental Research. *Genotoxic Effects of Chronic Fluoride Exposure* (1 R03 DE08530), 8/1/88 - 7/31/89.
3. National Institute of Dental Research. *An in vitro Model for Evaluating Dental Pulp Responses* (1 R03 DE09193), 8/1/89 - 7/31/90.
4. National Institute of Dental Research. *Genotoxicity of Glutaraldehyde: Safe Use in Dentistry* (1 R03 DE09773), 4/1/91 - 3/31/92.
5. National Institute of Dental Research. *Pharmacological Effects of Fluoride* (1 P01 DE09835), Subproject #3, 9/30/91 - 9/30/96.

6. National Institute of Arthritis and Musculo-Skeletal and Skin Diseases. *Long-Term Fluoride Exposure and Fractures in China* (1 R01 AR42838), 9/30/94 - 8/31/2000.
7. National Institute of Dental and Craniofacial Research. International collaborative project on establishing standard methods for fluoride analysis. Participating laboratories in the U.S. [Indiana University (PI), University of Iowa, Medical University of Georgia and Loma Linda University], Brazil, Norway, Thailand and United Kingdom, 9/30/2002 - 8/31/2005.
8. Industry-sponsored research projects since 1990.

Curriculum Teaching

1. Dental Applications of Basic Sciences. First-year dental students
2. Biocompatibility of Dental Materials. Second-year dental students
3. Fluoride Metabolism and Toxicology. Second-year students
4. Restorative Dentistry. Third-year dental students
5. Fluoride Metabolism and Toxicology. Graduate students
6. Advanced Preventive Dentistry. Graduate students
7. Principles of Toxicology. Graduate students
8. Biocompatibility of Dental Materials. Graduate students

Graduate Student Advisory and Research Committees

1. Member, for [-----]in Preventive Dentistry, 1991-94.
2. Member, for [-----]in Periodontics, 1992-94.
3. Member, for [-----]in Endodontics, 1993-95.
4. Member, for [-----]in Operative Dentistry, 1993-95.
5. Chairman, for [-----] in Oral Biology, since 1992-96.
6. Member, for [-----] program in Oral Biology, since 1992-96.
7. Member, for [-----]program in Oral Biology, 1993-97.
8. Member, for [-----] program in Oral Biology, 1994-97.
9. Member, for [-----]in Periodontology, 1996-97.
10. Member, for [-----]in Periodontology, 1996-97.
11. Member, for [-----]in Biology, 1996-97.
12. Member, for [-----] program in Oral Biology, 1994-97.
13. Member, for [-----]program in Pediatric Dentistry, 1998-2001.
14. Member, for [-----] program in Microbiology and Molecular Genetics, 1998-2001.
15. Member, for [-----]program in Periodontology, Since 2002.
16. Member, for [-----], Pediatric Dentistry, since 2005.

Publications

Thesis and Dissertation

1. Li Y [-----]Effect of filler level and particle size on the properties of two composite resin systems. Master's Thesis, Indiana University School of Dentistry, Indianapolis.
2. Li Y [----] Evaluation of genotoxicity of fluoride. Ph.D. Dissertation, Indiana University Graduate School, Indianapolis.

Peer Reviewed Articles

1. Xue M, Chen X, Li Y, Shi Y, Lu Q, Gu G, Qian Y (1981) Basic research on Nickel-Titanium shape memory alloys – simulated corrosion tests. *Stomatology* 1:40-43.

2. Xue M, Li Y, Gu G, Lu Q, Chen X, Yu Y, Yu Q, Chen R, Pan, K, Zhuo, H, Pan J, Ding Y, Gu J, Han Y, Shi Y (1983) Studies on Nickel-Titanium shape memory alloys. *J Biomedical Engineering* 2:28-33
3. Li Y, Swartz ML, Phillips RW, Moore BK, Roberts TA (1985) Effects of filler content and size on properties of composites. *J Dent Res* 64:1396-1401.
4. Li Y, Zhang B, Christen A (1987) Dentistry in China - past and present. *Bulletin of the History of Dentistry* 35:21-28.
5. Li Y, Dunipace AJ, Stookey GK (1987) Absence of mutagenic and antimutagenic activities of fluoride in Ames Salmonella assays. *Mutation Res* 190:229-236.
6. Li Y, Dunipace AJ, Stookey GK (1987) Effects of fluoride on the mouse sperm morphology test. *J Dent Res* 66:1509-1511.
7. Li Y, Dunipace AJ, Stookey GK (1987) Lack of genotoxic effects of fluoride in the mouse bone marrow micronucleus tests. *J Dent Res* 66:1687-1690.
8. Li Y, Dunipace AJ, Stookey GK (1987) Effects of fluoride as evaluated by sister chromatid exchanges. *Mutation Res* 192:191-201.
9. Li Y, Dunipace AJ, Stookey GK (1988) Genotoxic effects of fluoride: a controversial issue. *Mutation Res* 195:127-136.
10. Li Y, Dunipace AJ, Stookey GK (1988) Efectos genotoxicos del fluoruto: un problema controvertido. *Rev Dent Chile* 79:124-135.
11. Dunipace AJ, Zhang W, Noblitt TW, Li Y, Stookey GK (1989) Genotoxic evaluation of chronic fluoride exposure: micronucleus and mouse sperm morphology studies. *J Dent Res* 68:1525-1528.
12. Li Y, Zhang W, Noblitt TW, Dunipace AJ, Stookey GK (1989) Genotoxic evaluation of chronic fluoride exposure: sister chromatid exchange study. *Mutation Res* 227:159-165.
13. Li Y, Noblitt TW, Dunipace AJ, Stookey GK (1990) Evaluation of mutagenicity of dental materials using the Ames *Salmonella*/microsome test. *J Dent Res* 69:1188-1192.
14. Stookey KR, Li Y, Hancock EB, Stookey GK (1991) Effect of Zinc upon cell attachment and proliferation on periodontally-diseased root surfaces. *J Periodontol* 62:445-451.
15. Dunipace AJ, Beaven R, Noblitt TW, Li Y, Zunt S, Stookey GK (1992) Mutagenic potential of toluidine blue evaluated in the Ames test. *Mutation Res* 279:255-259.
16. Li Y (1992) Biological effects of Fluoride: safety considerations. *Proceedings of the Fourth National Academic Conference on Endemic Fluorosis*, pp. 313-314.
17. Li Y (1993) Fluoride: safety issues. *J Indiana Dent Assoc* 72:22-26.
18. Dung SZ, Li Y, Dunipace AJ, Stookey GK (1994) Degradation of insoluble bovine collagen and human dentin collagen prepared *in vitro* with lactic acid, pH 4.0 and 5.5. *Archs Oral Biol* 39:901-905.
19. Jackson R, Kelly S, Noblitt T, Zhang W, Dunipace A, Li Y, Stookey G, Katz B, Brizendine E, Farley S, Baylink D (1994) The effect of fluoride therapy on blood chemistry parameters in osteoporotic females. *Bone and Mineral* 27:13-23.
20. Li Y (1994) Fluoride: safety issues. *J Kansas Dent Assoc* 79:32-35.
21. Gonzalez-Cabezas C, Li Y, Noblitt TW, Gregory RL, Kafrawy AH, Stookey GK (1995) Detection of *streptococcus mutans* in secondary caries lesions using immunofluorescent techniques and confocal laser scanning microscopy. *Caries Res* 29:198-203.
22. Olson B, McDonald J Jr; Noblitt T, Li Y, Ley M (1995) Modifying role of trace elements on the mutagenicity of benzo(α)pyrene. *Mutation Res* 335:21-26.
23. Li Y, Liang CK, Katz BP, Brizendine EJ, Stookey GK (1995) Long-term exposure to fluoride in drinking water and sister chromatid exchange frequency in human lymphocytes. *J Dent Res* 74:1468-1474.
24. Turner CH, Hasegawa K, Zhang W, Wilson M, Li Y, Dunipace A (1995) Fluoride reduces bone strength in older rats. *J Dent Res* 74:1475-1481.

25. Dung SZ, Gregory RL, **Li Y**, Stookey GK (1995) Effect of lactic acid and proteolytic enzymes on the release of organic matrix from human root dentin. *Caries Res* 29:483-489.
26. Fontana M, Dunipace AJ, Gregory RL, Noblitt TW, **Li Y**, Park KK, Stookey GK (1996) An *in vitro* microbial model for studying secondary caries formation. *Caries Res* 30:112-118.
27. Liang CK, Wu YP, Ma F, Ru H, **Li Y**, Katz BP, Brizendine EJ, Stookey GK (1996) Fluorides in drinking water and sister chromatid exchange frequency in human blood lymphocytes. *J Hygiene Res* 25:25-28.
28. Liang CK, Wu YP, Ma F, Wang JZ, **Li Y**, Stookey GK, Katz BP, Brizendine EJ (1996) Comparison of two diagnostic methods for dental fluorosis. *Chinese J Endemiology* 15:228-231.
29. Fontana M, **Li Y**, Dunipace AJ, Noblitt TW, Fischer G, Katz BP, Stookey GK (1996) Measurement of enamel demineralization using microradiography and confocal microscopy. *Caries Res* 30:317-325.
30. **Li Y** (1996) Biological properties of peroxide-containing tooth Whiteners. *Food and Chemical Toxicology* 34:887-904.
31. Motosugi H, Graham L, Noblitt TW, Doyle NA, Quinlan WM, **Li Y**, Doerschuk CM (1996) Changes in neutrophil actin and shape during sequestration induced by complement fragments in rabbits. *Am J Physiology* 149:963-973.
32. Liang CK, Ma F, Wu YP, **Li Y**, Stookey GK, Katz BP, Brizendine EJ (1996) Sister chromatid exchange frequency of human blood lymphocytes in populations living in areas of endemic fluorosis caused by using high fluoride-containing coal. *Proceedings of Fifth Chinese National Conference on Endemic Fluorosis and Arsenic Poisoning*. pp. 48-50.
33. Sun SZ, Liang CK, Ji RD, Cao JQ, Yang SM, Pang XH, Lin YQ, Gao YZ, Cheng Z, Wang JZ, Zhang SL, Wang WY, **Li Y**, Katz BP, Brizendine EJ, Stookey GK (1996) Study on the relationship between endemic fluorosis and dietary nutritional level. *J Hygiene Res* 25:275-281.
34. AlDosari A, McDonald J, Olson B, Noblitt T, **Li Y**, Stookey G (1996) Influence of benzyliothiocyanate and 13-*cis*-retinoic acid on micronucleus formation induced by bezo(α)pyrene. *Mutation Res* 352:1-7.
35. Jackson RD, Kelly SA, Noblitt TW, Zhang W, Wilson ME, Dunipace AJ, **Li Y**, Katz BP, Brizendine EJ, Stookey GK (1997) Lack of effect of long-term fluoride ingestion on blood chemistry and frequency of sister chromatid exchange in human lymphocytes. *Environment & Molecular Mutagenesis* 29:265-271.
36. **Li Y** (1997) Toxicological considerations of tooth bleaching using peroxide-containing agents. *J Am Dent Assoc* 128:31S-36S.
37. Tangsgoolwatana J, Cochran MA, Moore BK, **Li Y** (1997) Microleakage evaluation of bonded amalgam restorations: confocal microscopy versus radioisotope. *Quintessence Int* 28:467-477.
38. **Li Y**, Siew C, Shearer B (1998) Dental amalgams: update on safety concerns. *J Am Dent Assoc* 129:494-503.
39. **Li Y**, (1998) Consideraciones toxicologicas del blanqueamiento dental empleando agentes que contienen peroxido. *Archivos De Odonto in Spain* 14:108-114.
40. Liang CK, **Li Y**, Wang JZ, Wu YP, Katz BP, Brizendine EJ, Stookey GK (1998) A study on the relationship between fluoride levels in drinking water and dental caries. *J Environment and Health* 15:51-54.
41. **Li Y** (1998) Tooth bleaching using peroxide-containing agents: current status of safety issues. *Compendium* 19:783-796.

42. Gonzalez-Cabezas C, Fontana M, Dunipace AJ, **Li Y**, Fischer GM, Proskin HM, Stookey GK, (1998) Measurement of enamel remineralization using microradiography and confocal microscopy - a correlational study. *Caries Res* 32:385-392.
43. Wang R, **Li Y** (1998) *In vitro* evaluation of biocompatibility of selected low-melting titanium alloys for dental restorations. *J Prosthet Dent* 80:495-500.
44. Liang CK, **Li Y**, Li WH, Zhang SL, Wu YP, Ma F, Katz BP, Brizendine EJ, Stookey GK (1999) Analyses of blood chemistry and electrolytes of human exposure to fluoride in drinking water. *J Chinese Public Health* 15:34-36.
45. Gonzalez-Cabezas C, **Li Y**, Gregory RL, Stookey GK (1999) Distribution of three cariogenic bacteria in secondary carious lesions around resin restorations. *Caries Res* 33, 357-365.
46. Emsley C, **Li Y**, Liang CK, Ji RD, Sun SZ, Cao JX, Ma F, Wu Y, Ying B, Zhang Y, (2000) Trace element levels in drinking water and cognitive function in elderly Chinese. *Am J Epidemiol* 151:913-920.
47. **Li Y** (2000) Peroxide-containing tooth whiteners: an update on safety. *Compendium* 21:S4-S9.
48. **Li Y** (2001) Dental Amalgam: update on safety concerns. *Chinese J Dent Mat Devices* 10:3-11.
49. **Li Y**, Liang C, Slemenda C, Ji R, Sun S, Cao J, Emsley C, Ma F, Wu Y, Ying B, Zhang Y, Gao S, Liao M, Zhang W, Cao S, Niu S, Johnston C, Katz B, (2001) Effect of long-term exposure to fluoride in drinking water on risks of bone fractures. *J Bone Miner Res* 16:932-939.
50. Liang CK, Ji RD, Cao JX, Wang HS, Ge XJ, Yin GJ, Zhang SL, Lu ZM, Ma J, Ma F, Wu YP, Yin P, Zhang Y, Sun SZ, **Li Y**, Katz BP, (2001) Effect of fluoride in drinking water on adults' osteoarthritis. *Chinese J Endemiology* 20:52-56.
51. **Li Y** (2001) Safety of peroxide-containing tooth whiteners. *Shanghai J Stomatology* 97-99.
52. **Li Y**, Siew S (2001) Estrogenic potential of bisphenol-A and dental composite resins. Chinese J Biomed Engineering, *Proceedings of First International Conference on Biomaterials*, pp. 101-102.
53. **Li Y** (2002) Commentary on "No association between water fluoridation and mortality from cancer", by McDonagh M, et al., *Evidence-Base Dentistry* 3: 45-46.
54. González-Cabezas C, **Li Y**, Gregory RL, Stookey GK (2002) Distribution of cariogenic bacteria in carious lesions around tooth-colored restorations. *Amer J Dent* 15:248-51.
55. Slezak B, Santarpia P, Xu T, Monsul-Barnes V, Heu RT, Stranick M, Petrou I, Bagley D, **Li Y** (2002) Safety profile of a new liquid whitening gel. *Compendium* 23 (Suppl 1):4-11.
56. **Li Y**, Lee S, Cartwright S, Wilson A, (2003) Comparison of clinical efficacy and safety of three professional at-home tooth whitening systems. *Compendium* 24:357-378.
57. **Li Y** (2003) The safety of peroxide-containing at-home tooth whiteners. *Compendium* 24:384-389.
58. **Li Y** (2003) Tooth color measurement using chroma meter: techniques, advantages and disadvantages. *J Esth Rest Dent* 15:S33-S41.
59. Zhang W, Torabinejad M, **Li Y** (2003) Evaluation of cytotoxicity of MTAD using the MTT-tetrazolium method. *J Endod* 29:654-657.
60. Lee S, Zhang W, **Li Y** (2004) Evaluation of antimicrobial potential of 14 natural herbal dentifrices: results of an *in vitro* diffusion method study. *J Ame Dent Assoc* 135:1133-1141.
61. **Li Y** (2004) The discovery and development of tooth whitening materials. *Shanghai Medical Device Today*, pp. 14-16.

62. Li Y, Lee SS, Cartwright S, Wilson AC, DeVizio W, Petrone M, Volpe AR, Zhang YP (2004) Comparative tooth whitening efficacy of 18% carbamide peroxide liquid whitening gel using three different regimens. *J Clin Dent* 15:11-16.
63. Torrado A, Valiente M, Zhang W, Li Y, Munoz CA (2004) Remineralization potential of a new toothpaste formulation: an in vitro study. *J Contemp Dent Pract* 5:18-30.
64. Li Y (2005) The quest for whiter teeth – a continued demand in aesthetic dentistry. *The AACD Monograph*.
65. Lee S, Zhang W, Lee H, Li Y (2005) Tooth whitening in children and adolescents: A literature review. *Pediatric Dentistry. Pediatr Dent* 27:362-368.

Abstracts

1. Xue M, Pan K, Yu Y, Li Y, Jia W, Gu G, Zhang C (1985) Applications of Nickel-Titanium memory alloys in medicine and dentistry. *First International Beijing Symposium on Dentistry*, p.35.
2. Li Y, Swartz ML, Phillips RW, Moore BK, Roberts TA (1985) Effect of filler content and size on properties of composites. *J Dent Res* 64:228.
3. Li Y, Dunipace AJ, Stookey GK (1987) Mutagenic and antimutagenic activities of fluoride in Ames Salmonella assays. *J Dent Res* 66:342, 1987.
4. Li Y, Dunipace AJ, Stookey GK (1987) Cytogenetic effects of fluoride in mouse sperm morphology test. *J Dent Res* 66:342, 1987.
5. Li Y, Lagos NJ, Dunipace AJ, Olson BL, McDonald JL Jr, Stookey GK (1988) Effect of human saliva on mutagenicity of benzo(α)pyrene. *J Dent Res* 67:274.
6. Li Y, Noblitt TW, Dunipace AJ, Stookey GK (1989) Mutagenicity studies of dental materials using the Ames test. *J Dent Res* 68:322.
7. Dunipace AJ, Zhang W, Noblitt TW, Li Y, Stookey GK (1989) Genotoxicity of fluoride in mouse sperm morphology and micronucleus studies. *J Dent Res* 68:334.
8. Stookey KR, Li Y, Hancock EB, Stookey GK (1990) Effect of zinc on cell attachment to periodontally-diseased root surfaces. *J Dent Res* 69:188.
9. Dunipace AJ, Noblitt TW, Li Y, Stookey GK (1990) *In vivo* Genotoxic evaluation of dental materials. *J Dent Res* 69:229.
10. Li Y, Noblitt TW, Dunipace AJ, Stookey GK (1990) Evaluation of mutagenicity of dental materials - the Ames test. *J Dent Res* 69:229.
11. AlDosari AM, McDonald JL, Li Y, Noblitt TW, Stookey GK (1990) Influence of benzyliothiocyanate on sister chromatid exchange in hamsters. *J Dent Res* 69:384.
12. AlDosari AM, McDonald JL, Li Y, Noblitt TW, Olson B, Stookey GK (1990) Influence of benzyliothiocyanate and 13-*cis*-retinoic acid on micronucleus formation. *J Dent Res* 69:384.
13. AlDosari AM, McDonald JL, Li Y, Noblitt TW, Stookey GK (1990) Antimutagenic effect of benzyliothiocyanate and 13-*cis*-retinoic acid in Ames test. *J Dent Res* 69:384.
14. Beaven RJ, Noblitt TW, Li Y, Dunipace AJ, Stookey GK (1990) Mutagenic potential of toluidine blue in the Ames test. *J Dent Res* 69:359.
15. Zhang W, Noblitt TW, Li Y, Dunipace AJ, Stookey GK (1990) Genotoxic effects of chronic fluoride exposure: a sister chromatid exchange study. *J Dent Res* 69:830.
16. Li Y, Noblitt TW, Origel A, Stookey KR, Dunipace AJ, Stookey GK (1991) Development and inheritability of F-resistance in L929 cells. *J Dent Res* 70:327.
17. Olson B, Ley M, McDonald J, Li Y, Noblitt TW (1991) The antimutagenic potential of iron and germanium against benzo(α)pyrene in Ames test. American Chemical Society, 23rd Central Regional Meeting and 24th Great Lakes Regional Meeting, Abstract #81.
18. Li Y, Noblitt TW, Dunipace AJ, Stookey GK (1992) Evaluation of genotoxicity of a tooth whitener. *J Dent Res* 71:157.

19. Dung SZ, Li Y, Dunipace AJ, Stookey GK (1992) Degradation of insoluble bovine collagen and collagen in human dentin. *J Dent Res* 71:201.
20. Madding S, Olson B, McDonald J, Li Y, Noblitt TW (1992) The influence of nicotine on mouse fibroblasts. *J Dent Res* 71:227.
21. Li Y, Noblitt TW, Stookey KR, Dunipace AJ, Stookey GK (1992) Cytotoxicity of silicate and ZOE cements through human dentin. *J Dent Res* 71:227.
22. Noblitt TW, Mansfield G, Dunipace AJ, Li Y, Origel A, Stookey GK (1992) Mutagenicity of glutaraldehyde in the Ames test. *J Dent Res* 71:227.
23. Madding S, Olson B, McDonald J, Li Y, Noblitt TW (1993) Metabolic effects of nicotine on mouse fibroblasts. *J Dent Res* 72:161.
24. Dunipace AJ, Mansfield G, Noblitt TW, Li Y, Stookey GK (1993) Genotoxicity of glutaraldehyde: sperm morphology test. *J Dent Res* 72:162.
25. Li Y, Allen J, Noblitt TW, Moore K, Stookey GK (1993) Cytotoxicity and mutagenicity of a gallium alloy. *J Dent Res* 72:163.
26. Noblitt TW, Dunipace AJ, Li Y, Origel A, Stookey GK (1993) Cytogenetic effect of glutaraldehyde - micronucleus assay. *J Dent Res* 72:163.
27. Stookey GK, Li Y, Katz B, Liang C, Ji R, Cao S, Niu S (1993) Biological effects of fluoride in Chinese populations. *J Dent Res* 72:234.
28. Li Y, Noblitt TW, Zhang A, Origel A, Kafrawy A, Stookey GK (1993) Effect of long-term exposure to a tooth whitener. *J Dent Res* 72:248.
29. Li Y, Noblitt TW, Zhang A, Stookey GK (1993) Cellular proteins of fluoride-resistant L929 fibroblasts. *J Dent Res* 72:412.
30. Gross K, Noblitt T, Li Y, Hughes CV (1993) Binding of oral bacteria to KB epithelial cells. *Proceedings of 1st Annual Research Day, IUSD and Indiana Section of AADR*, P. 64.
31. Gonzalez-Cabezas C, Li Y, Noblitt TW, Gregory RL, Kafrawy AH, Stookey GK (1994) Presence of *streptococcus mutans* in secondary caries lesions. *J Dent Res* 73:339.
32. Fontana M, Dunipace AJ, Gregory RL, Noblitt TW, Li Y, Stookey GK (1994) An *in vitro* microbial model for studying secondary caries. *J Dent Res* 73:339.
33. Green JM, McDonald JL, Noblitt TW, Li Y, Olson BL (1994) Nicotine-induced changes in human bone cells and mouse fibroblasts. *J Dent Res* 73:357.
34. Zhang W, Wilson M, Li Y, Dunipace AJ (1994) Genotoxicity of chronic fluoride in medically-compromised rats: SCE studies. *J Dent Res* 73:435.
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36. Li Y, Liang C, Katz B, Cao S, Niu S, Stookey GK (1994) Fluoride exposure and SCE frequency in human lymphocytes. *J Dent Res* 73:436.
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111. Wilson A, Orozco M, Lee SS, Kim J, Li Y (2004) Demographic distribution of participants enrolled in clinical tooth whitening trials. *J Dent Res* 83(Spec Iss A), #676.
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118. Stephens J, Li Y, Munoz CA, Kettering JD, Lessard GL, Crigger M (2005) Assessment of a dental research design course and student achievements. *J Dent Res* 84(Spec Iss A), #785.
119. Lee SS, Jun Y, Kim J, Kim K, Zhang W, Li Y (2005) Comparison of oral odor between vegetarians and non-vegetarians. *J Dent Res* 84(Spec Iss A), #919.
120. Zhang W, Onyango O, Lin Z, Carino CM, Arora NS, Forde CA, Lee SS, Li Y (2005) Ultradent Sterilox for controlling CFU and reducing biofilms in DUWLs. *J Dent Res* 84(Spec Iss A), #1033.

Newspaper Column

1. Li Y (2004) The quest for whiter teeth. Your Health Column, The Sun – San Bernardino County Edition, B7 July 8.

Oral and Poster Presentations

- March, 1981 (Invited Speaker). Studies on 55-Nitinol alloy and its application in dentistry. Shanghai Dental Association, China.
- July, 1984 (Invited Speaker). Dental composite resins: past, present, and future. Shanghai Dental Association, China.
- March 22, 1985. Effect of filler content and size on properties of composites. 63 General Meeting, IADR/AADR Annual Meeting, Las Vegas, NV.
- May 2, 1985 (Invited Speaker). Dentistry in China - past and present. Pierre Fauchard Academy Annual Meeting. Indianapolis, IN.
- November 1, 1985 (Invited Speaker). Dental history in China: past and present. Annual Meeting, American Academy of the History of Dentistry, American Dental Association, San Francisco, CA.

- February 26, 1987. mutagenicity and antimutagenicity of fluoride in Ames tests. Second Annual Tristate Meeting, Merrillville, IN.
- February 26, 1987. Cytogenetic effects of fluoride in mouse sperm morphology test. Second Annual Tristate Meeting, Merrillville, IN.
- March 14, 1987. Mutagenicity and antimutagenicity of fluoride in Ames tests. IADR/AADR Annual Meeting, Chicago, IL.
- May 19 and 20, 1987 (Invited Lecturer). Metabolism and toxicity of fluoride. USAF Preventive Dentistry Course, Brooks Air Force Base, San Antonio, TX.
- March 11, 1988. Effect of human saliva on mutagenicity of benzo(α)pyrene. IADR/AADR Annual Meeting, Montreal, Canada.
- September 30, 1988 (Invited Lecturer). Fluoride-containing dental materials. McGill University Faculty of Dentistry, Montreal, Canada.
- September 30, 1988 (Invited Lecturer). Toxicity and genotoxicity of fluoride. McGill University Faculty of Dentistry, Montreal, Canada.
- March 19, 1989. Mutagenicity studies of dental materials using the Ames test. AADR Annual Meeting, San Francisco, CA.
- March 22, 1989. Genotoxic effects of chronic fluoride exposure: a sister chromatid exchange study. Joint IADR/ORCA International Symposium, Atlanta, GA.
- March 10, 1990. Evaluation of mutagenicity of dental materials - the Ames test. IADR/AADR Annual Meeting, Cincinnati, OH.
- November 13, 1991 (Invited Speaker and Panelist). Safety issues of tooth whiteners. Three-River Dental Conference, Dental Society of West Pennsylvania, Pittsburgh, PA.
- March 13, 1992. Cytotoxicity of silicate and ZOE cements through human dentin. AADR Annual Meeting, Boston, MA.
- September 21, 1992 (Invited Speaker). Biological effects of fluoride: safety considerations. 4th Chinese National Meeting on Fluorosis, Penglai, China.
- March 14, 1993. Cellular proteins of fluoride-resistant L929 fibroblasts. AADR/IADR Annual Meeting, Chicago, IL.
- October 5, 1993 (Invited Speaker). Use of fluoride in caries prevention. Shanghai Second Medical University School of Dentistry, Shanghai, China.
- November 12, 1993. Safety evaluation of dental products. Seminar for Chinese National Committee of Dental Products, Indiana University School of Dentistry, Indianapolis, IN.
- December 7, 1993 (Invited Speaker and Panelist). Genetic toxicology of peroxides. American Dental Association Workshop on Guidelines for the Acceptance of Peroxide-Containing Oral Hygiene Products, Chicago, IL.
- December 10, 1993. Safety evaluation of dental products. Seminar for international visitors (Russia and South America), Indiana University School of Dentistry, Indianapolis, IL.
- January 13, 1994. Safety consideration and evaluation of dental products. Seminar for Chinese Medical Association visitors, Indiana University School of Dentistry, Indianapolis, IN.
- February 15, 1994. Safety evaluation of dental products. Seminar for Mexican Dental Professional Delegation, Indiana University School of Dentistry, Indianapolis, IN.
- February 17, 1994 (Invited Speaker). The use of laser scanning confocal microscopy in dental and bone research. Indiana University School of Medicine, Indianapolis, IN.
- March 13, 1994. Fluoride exposure and SCE frequency in human lymphocytes. IADR/AADR Annual Meeting, Seattle, WA.
- May 7, 1994 (invited speaker). Evaluation of tooth/amalgam interfaces restored with bonding materials - confocal microscopy studies. Indiana Dental Association, Indianapolis, IN.
- September 8, 1994. Long-term fluoride exposure and SCE frequency in human blood lymphocytes. 20th Conference of the International Society for Fluoride Research, Beijing, China.

- October 5, 1994. Research techniques - laser scanning confocal microscopy. AADR Indiana Section Seminars. Indiana University School of Dentistry, Indianapolis, IN.
- November 11, 1994 (Invited Speaker). Confocal microscopy studies on tooth/amalgam interfaces restored with bonding materials. Indiana University School of Dentistry Continuing Education Course, Indianapolis, IN.
- March 10, 1995. Fluoride exposure from coal-burning and SCE frequency in lymphocytes. AADR Annual Meeting, San Antonio, TX.
- September 14, 1995. Impact of nutrition on pharmacological effects of fluoride. AADR Indiana Section. Indianapolis, IN.
- September 28, 1995 (Invited Speaker). Applications of laser scanning confocal microscopy in dental research. Shanghai Second Medical University School of Dentistry, Shanghai, China.
- October 17, 1995 (Invited Speaker). Genotoxicity of fluoride. Shanghai Second Medical University School of Dentistry, Shanghai, China.
- October 23, 1995 (Invited Speaker). Toxicology of fluoride and impact of nutrition on its biological effects. WHO (World Health Organization) Workshop on Evaluation of Defluoridation Programs, Beijing, China.
- March 16, 1996. Effect of fluoride exposure and nutrition on skeletal fluorosis. IADR/AADR Annual Meeting, San Francisco, CA.
- September 25, 1996 (Invited Speaker). Toxicological considerations of tooth bleaching. International Symposium on Non-Restorative Treatment of Discolored Teeth, Chapel Hill, North Carolina, NC.
- March 20, 1997. Water fluoride and SCE frequency in humans. IADR/AADR Annual Meeting, Orlando, FL.
- February 5, 1998. Safety of amalgam and composite: an update. Loma Linda University School of Dentistry 38th Annual Alumni/Student Convention. Loma Linda, CA.
- March 6, 1998. Long-term fluoride exposure and bone fractures. AADR Annual Meeting, Minneapolis, MN.
- June 26, 1998. *In vivo* evaluation of an H₂O₂-based tooth whitening gel. IADR Annual Meeting, Nice, France.
- January 9, 1999 (Invited Speaker). Amalgam, composites and tooth bleaching agents - safety issues. South Bay Restorative and Esthetic Dentistry Study Club, Torrance, CA.
- January 10, 1999. Tooth bleaching - safety considerations. 4th Annual Judson Klooster Symposium, Loma Linda, CA.
- February 4, 1999. Tooth bleaching using peroxide-containing agents - an update on safety concerns. Loma Linda University School of Dentistry 39th Alumni/Students Convention, Loma Linda, CA.
- March 11, 1999. Long-term fluoride exposure and bone fractures. IADR/AADR Annual Meeting, Vancouver, Canada.
- May 11, 1999 (Invited Speaker). Excessive exposure to natural fluoride and methods to reduce exposure. International Collaborative Research on Fluoride: Research Needs Workshop, NIDCR, Bethesda, MD.
- September 19, 1999. Is it safe to have fluoride in toothpaste? Loma Linda University School of Dentistry Faculty Conference. Loma Linda, CA.
- November 14, 1999. Tooth whitening agents – an update on safety. Tooth whitening: state of the art 2000: a symposium on current issues in tooth whitening. Loma Linda, CA.
- November 29, 1999 (Invited Speaker). Drinking water fluoride and bone fractures. British Fluoridation Society and British Dental Association, London, United Kingdom.
- December 1, 1999 (Invited Speaker). Drinking water fluoride and bone fractures. Birmingham Health Authority. Birmingham, United Kingdom.

- March 5, 2000. Biocompatibility of dental materials. Loma Linda University School of Dentistry Continuing Education. Loma Linda, CA.
- April 6, 2000. Effects of four mouthrinses on gingivitis and breath odor. IADR/AADR Annual Meeting, Washington, DC.
- June 23, 2000 (Invited Speaker). Peroxide-containing tooth whiteners – update on safety. University of Florida School of Dentistry, Orlando, FL.
- October 1, 2000. Safety of tooth whiteners. 5th Annual Judson Klooster Symposium, Loma Linda, CA.
- October 6, 2000 (Invited Speaker). Peroxide-containing tooth whiteners – update on safety. Tufts University School of Dentistry, Boston, MA.
- October 19, 2000 (Invited Speaker). Regulations and guidelines for safety evaluation of dental materials and agents. Shanghai Second Medical University School of Dentistry, Shanghai, China.
- January 3, 2001 (Invited Speaker). Tooth whitening – are they safe? Eisenhower Medical Center, Rancho Mirage, CA.
- March 9, 2001. Effect of light application on an in-office bleaching gel. AADR Annual Meeting, Chicago, IL.
- June 28, 2001. Long-term fluoride exposure and prevalence of joint pain and stiffness. IADR Annual Meeting, Chiba, Japan.
- July 9, 2001 (Invited Speaker). Tooth whitening using peroxide-containing agents. Wenzhou Medical University, Wenzhou, China.
- July 10, 2001 (Invited Speaker). Composite resins and amalgams: safety issues. Wenzhou Medical University, Wenzhou, China.
- July 19, 2001 (Invited Speaker). Esthetic dentistry and tooth whitening. Shanghai Second Medical University, Shanghai, China.
- July 25, 2001. Estrogenic potential of bisphenol-A and dental composite resins. First International Conference on Biomaterials. Beijing, China.
- July 26, 2001 (Invited Speaker). Safety of dental materials: an update. First International Conference on Biomaterials. Beijing, China.
- March 8, 2002. Long-term fluoride exposure from drinking water and chronic diseases. AADR/IADR Annual Meeting, San Diego, CA.
- April 2, 2002 (Invited Speaker). Tooth whitening: past, present and future. Research Park, Daejeon, South Korea.
- April 3, 2002 (Invited Speaker). Cosmetic aesthetics of tooth whitening: why, what and is it safe?. Kangnung National University, Kangnung, South Korea.
- October 26, 2002 (Invited Speaker). Recent advances in dental materials. Shanghai Second Medical University School of Stomatology. Shanghai, China.
- November 3, 2002 (Invited Speaker). An update on the safety of peroxide-based tooth whiteners. Loma Linda University Symposium, Loma Linda, CA.
- November 18, 2002 (Invited Speaker). Safety considerations of peroxide-based tooth whiteners. South Jordan, UT.
- June 26, 2003, Efficacy of 30- and 60-minute bleaching with Rembrandt Sapphire light. IADR Annual Meeting, Gothenborg, Sweden.
- August 23, 2003 (Invited Speaker). Tooth color measurement using chromameter: methods, advantages and limitations. Medical College of Georgia, Augusta, GA.
- September 20, 2003 (Invited Speaker). Safety considerations of peroxide-containing in-office and at-home tooth whiteners. FDI Symposium, Sydney, Australia.
- March 11, 2004 (Invited Speaker). A summary of methodologies used to evaluate tooth whitening. IADR/AADR Symposium, Honolulu, HI.
- April 30, 2004 (Invited Speaker). Tooth whitening – past, present and future. AACD Annual Meeting, Vancouver, Canada.

- May 12, 2004 (Invited Speaker). Recent advances in dental materials. Wenzhou Medical University, Wenzhou, China.
- December 26, 2004 (Invited Speaker). Esthetic dental materials, Shanghai Stomatology Association, Shanghai, China.
- March 11, 2005. Evaluation of Clinical Efficacy and Safety of trèswhite by Opalescence. AADR/IADR Annual Meeting, Baltimore, MD.
- April 21, 2005 (Invited Speaker). Discovery and development of tooth whitening. Beijing United Family Hospital, Beijing, China.
- October 24, 2005 (Invited Speaker). Measurement of tooth color – methods and challenges. IADR Chinese Division Annual Meeting, Shanghai, China.